

FIG. 1

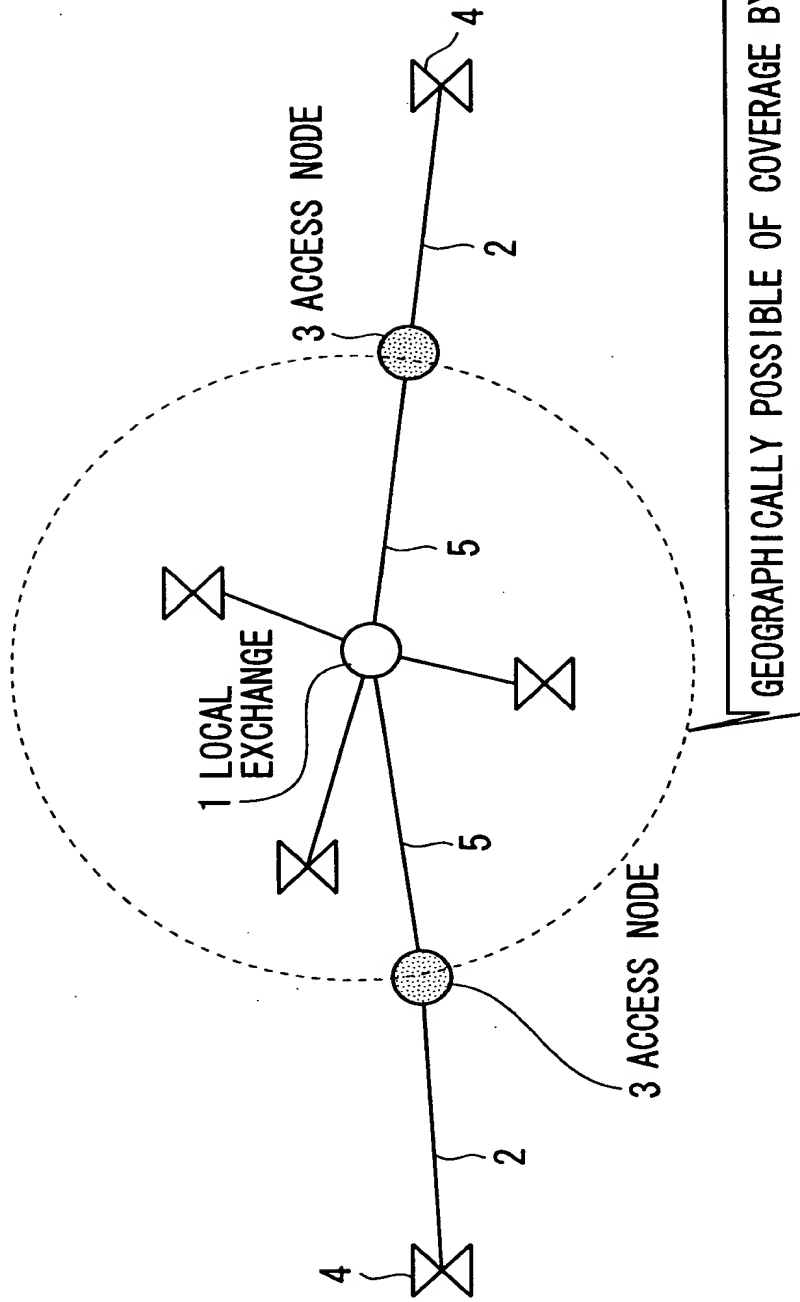
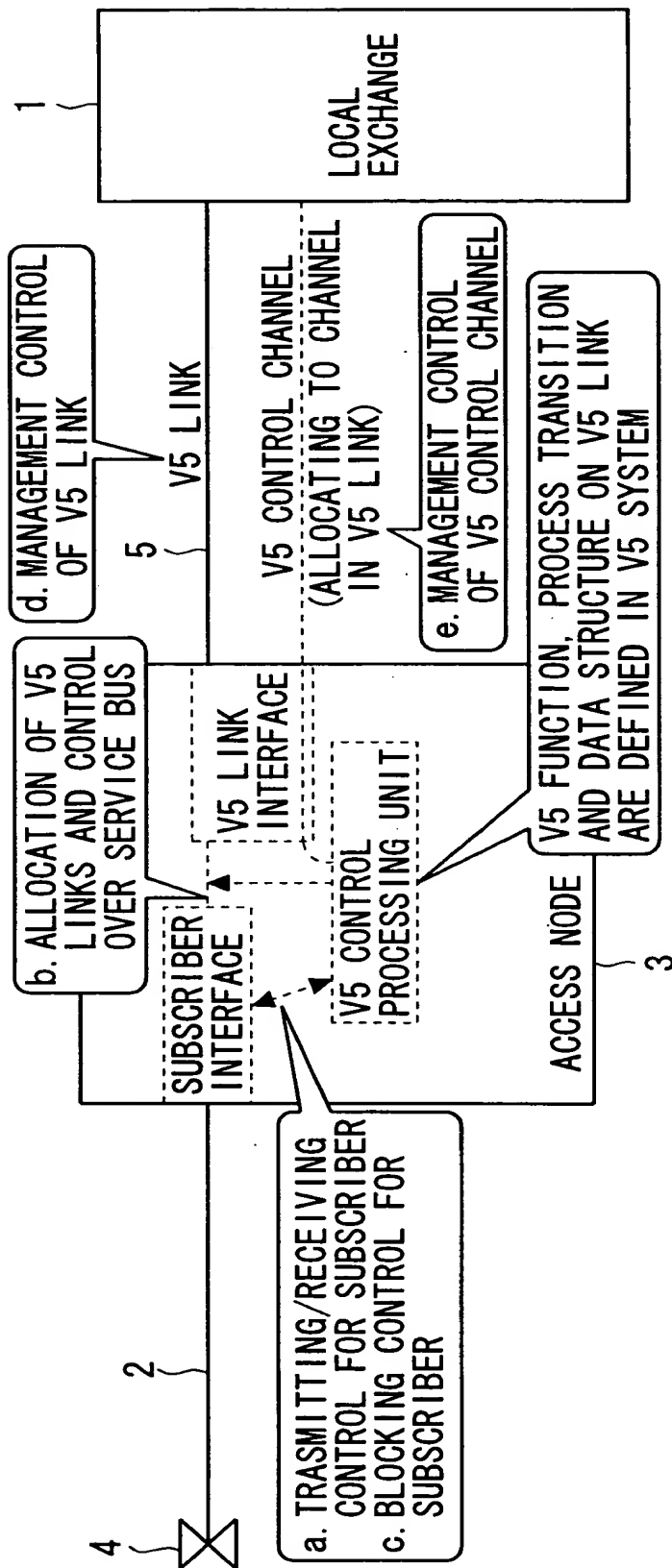
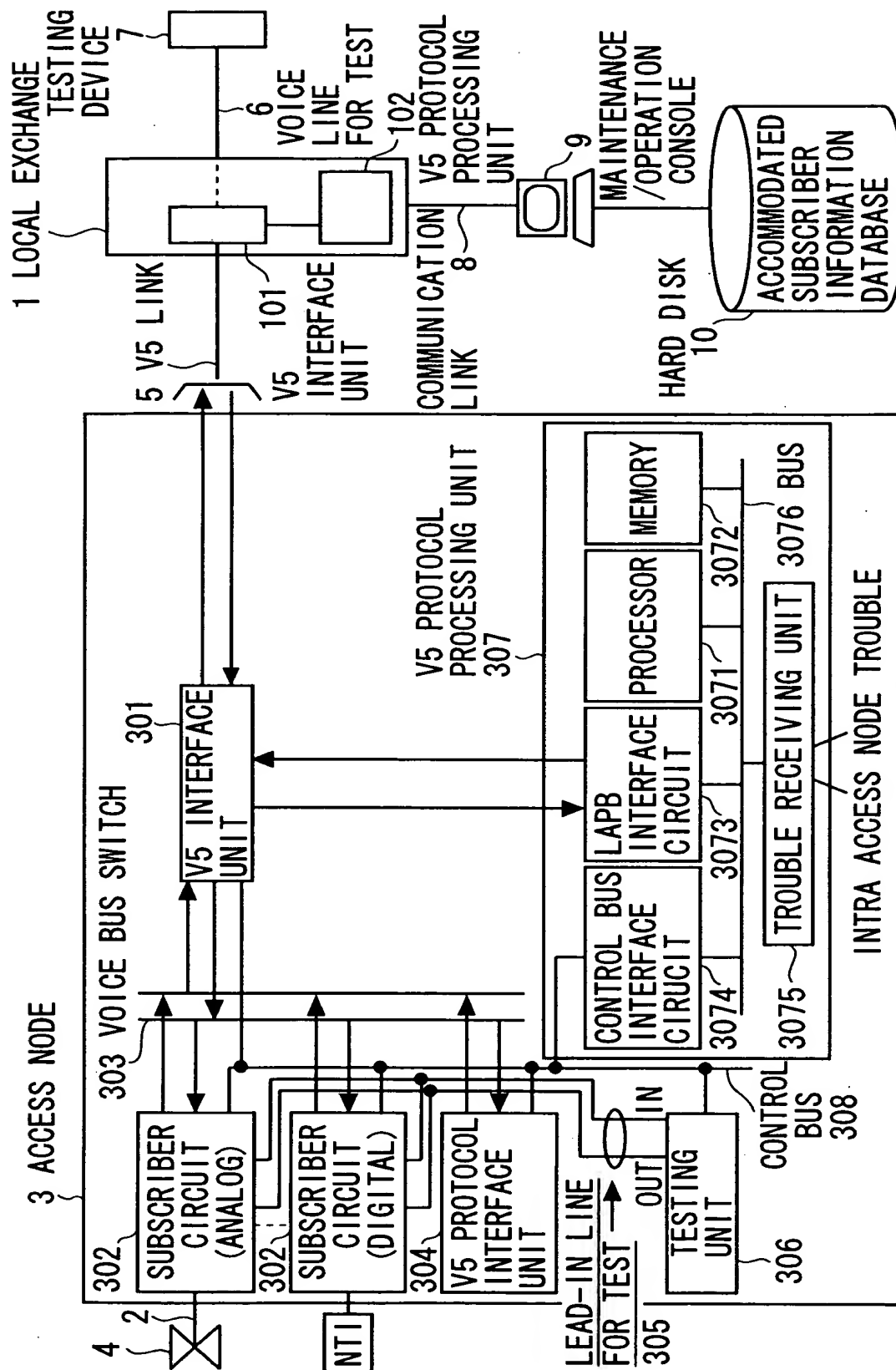


FIG. 2



**FIG. 3**



# FIG. 4

## PSTN SIGNALING PROTOCOL

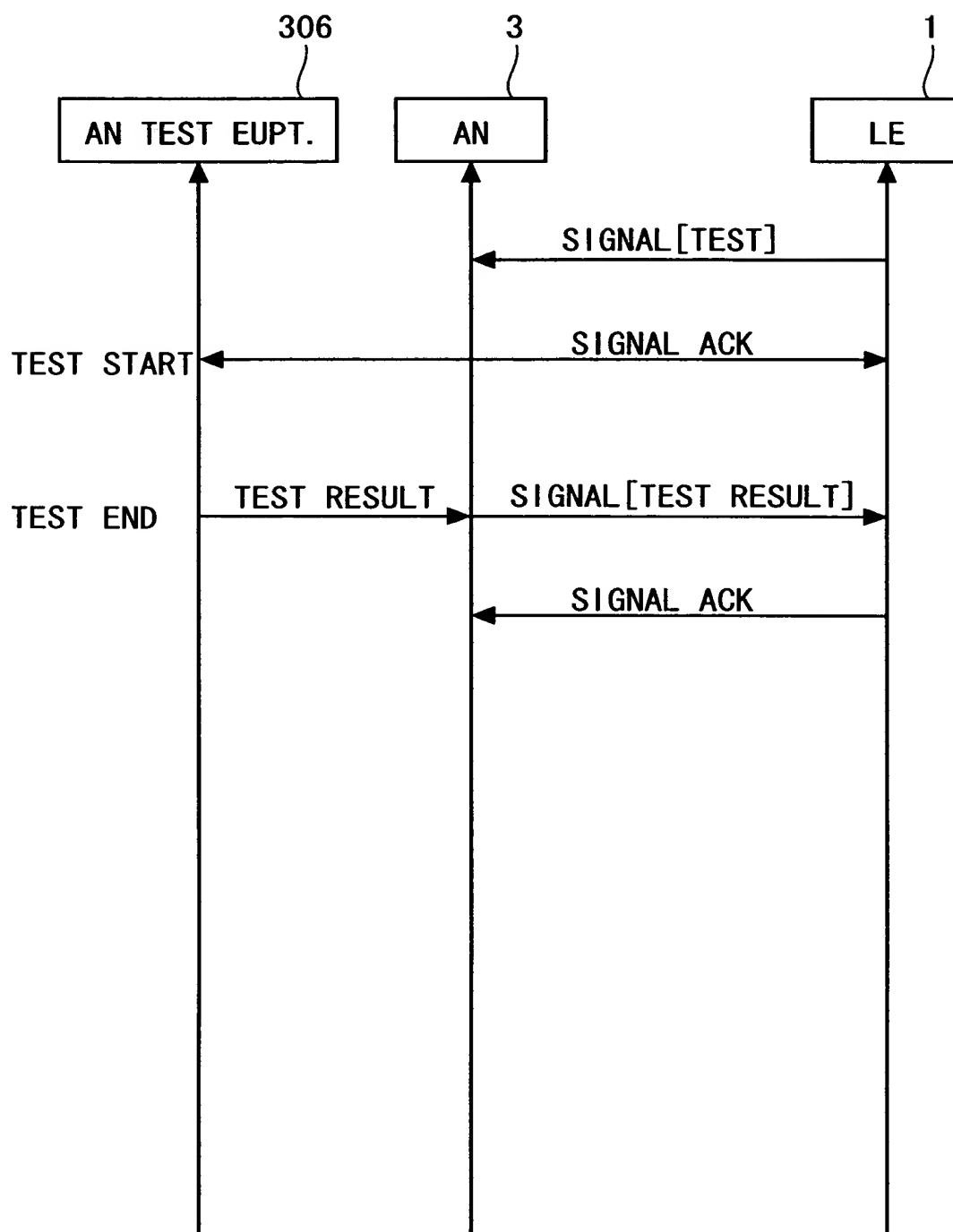
8	7	6	5	4	3	2	1	0	OCTET
PROTOCOL DISCRIMINATOR									1
LAYER 3 ADDRESS									2
LAYER 3 ADDRESS (LOWER)									3
MESSAGE TYPE = 'SIGNAL'									4
INFORMATION ELEMENT									ETC.

8	7	6	5	4	3	2	1	0	OCTET
INFORMATION ELEMENT = 'TEST'									1
LENGTH OF SEQUENCE - NUMBER CONTENT									2
TEST TYPE									3
TEST CONDITION									4

8	7	6	5	4	3	2	1	0	OCTET
INFORMATION ELEMENT = 'TEST RESULT'									1
LENGTH OF SEQUENCE - NUMBER CONTENT									2
TEST TYPE									3
TEST CONDITION									4
TEST RESULT (LOWER)									5

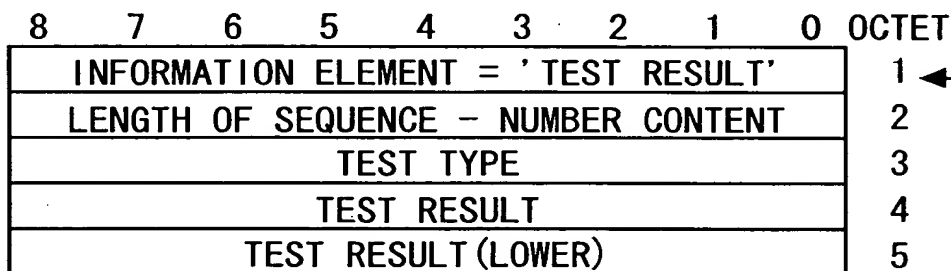
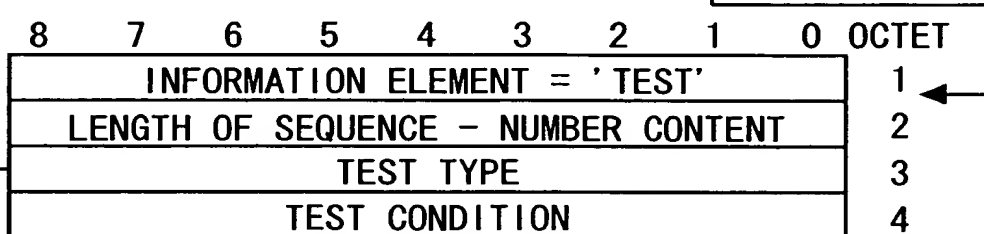
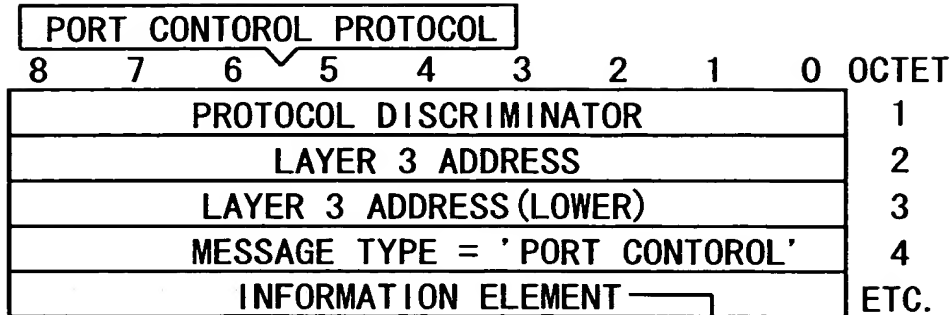
TEST TYPE	MEANING
0	INTER AB AC VOLTAGE
1	INTER AG AC VOLTAGE
2	INTER BG AC VOLTAGE
3	INTER AB DC VOLTAGE
4	INTER AG DC VOLTAGE
5	INTER BG DC VOLTAGE
6	INTER AB RESISTANCE
7	INTER AG RESISTANCE
8	INTER BG RESISTANCE
9	INTER AB CAPACITY
10	INTER AG CAPACITY
11	INTER BG CAPACITY
12	SUBSCRIBER'S LINE TEST
13-31	UNDEFINED

FIG. 5



05015343-030004

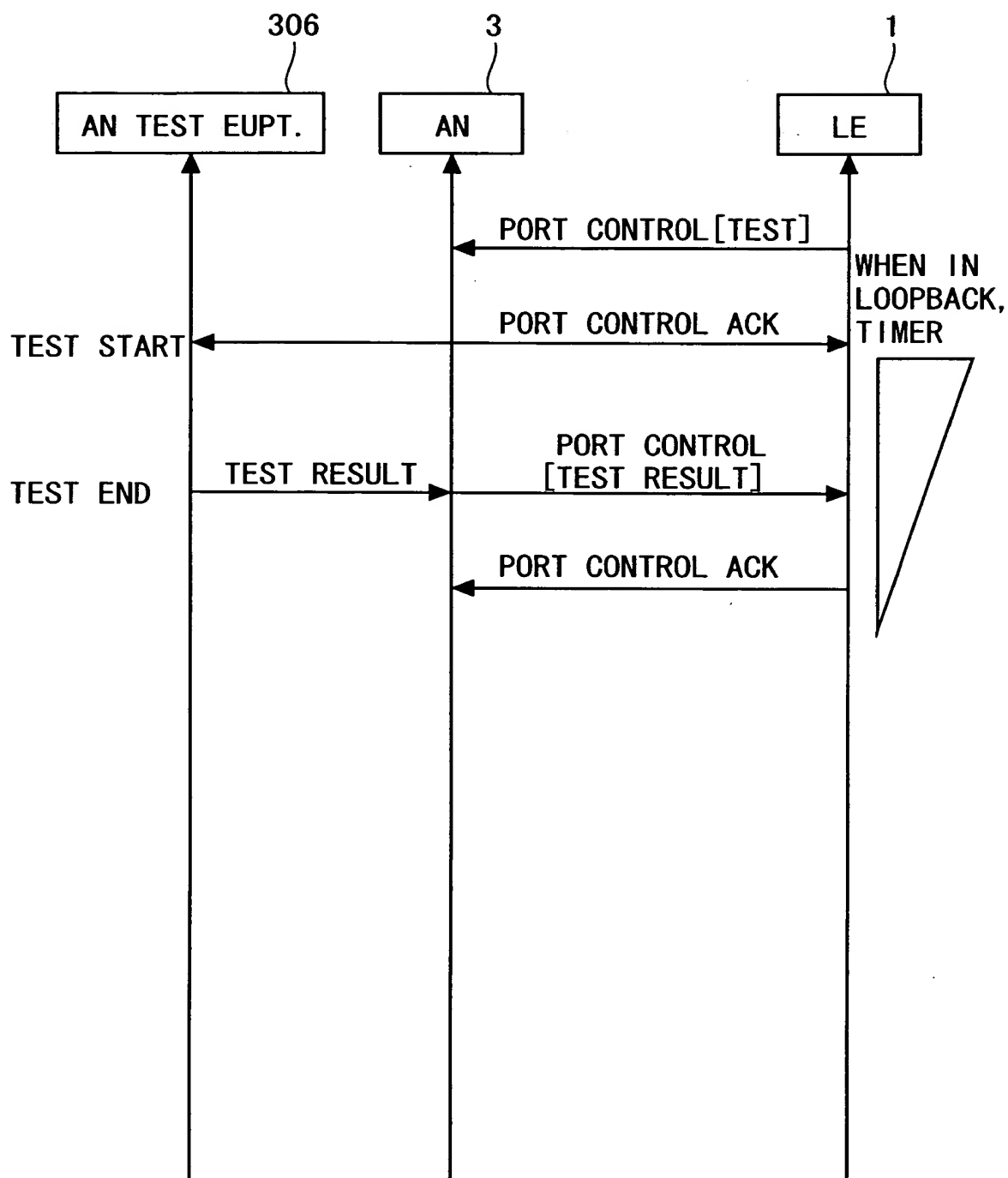
# FIG. 6



TEST TYPE	MEANING
0	INTER AB AC VOLTAGE
1	INTER AG AC VOLTAGE
2	INTER BG AC VOLTAGE
3	INTER AB DC VOLTAGE
4	INTER AG DC VOLTAGE
5	INTER BG DC VOLTAGE
6	INTER AB RESISTANCE
7	INTER AG RESISTANCE
8	INTER BG RESISTANCE
9	INTER AB CAPACITY
10	INTER AG CAPACITY
11	INTER BG CAPACITY
12	AN LOOPBACK
13	NT1 LOOPBACK
12-31	UNDEFINED

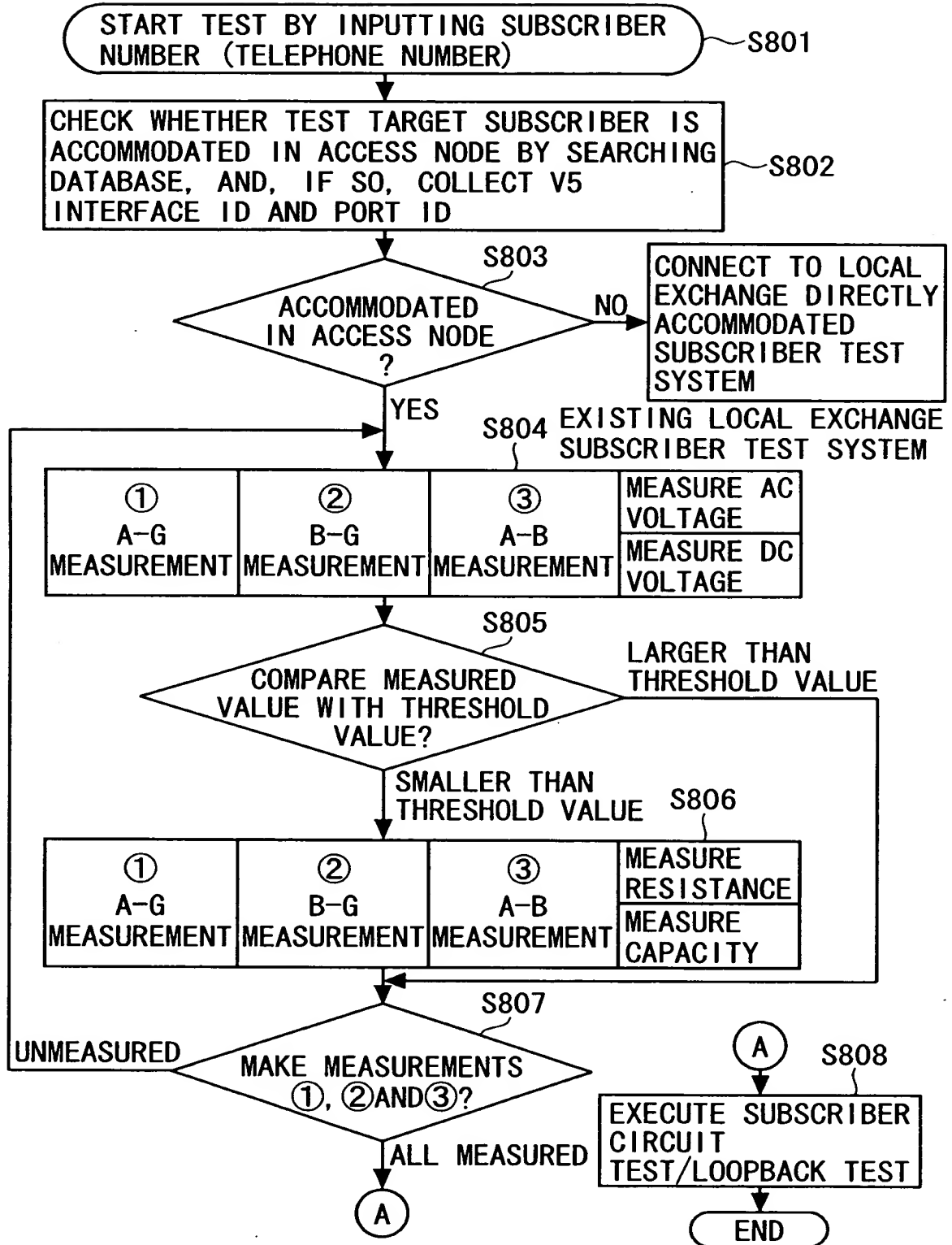
03615643 032204

FIG. 7



03913043.03E04

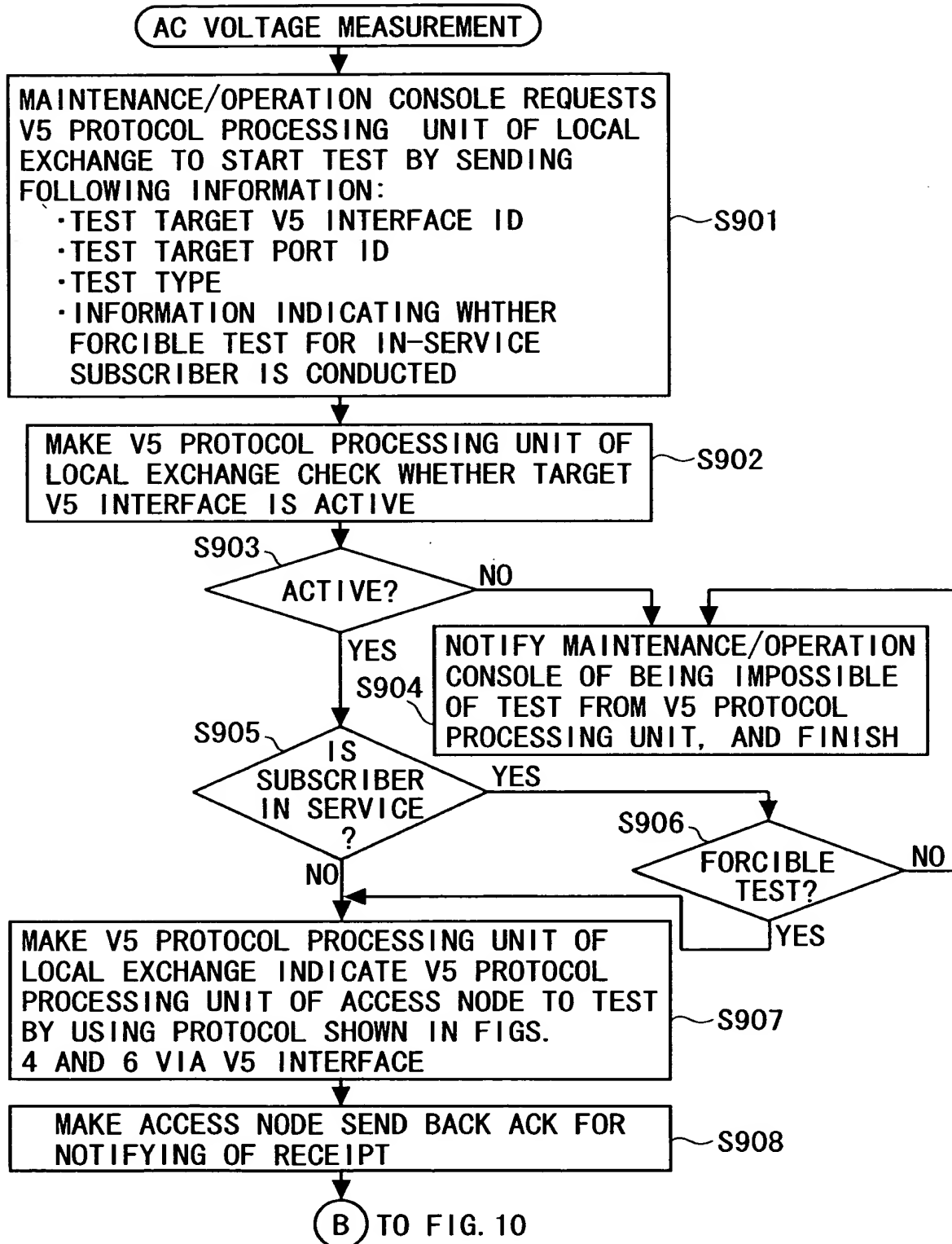
FIG. 8



03615843 032201  
102250 4954950



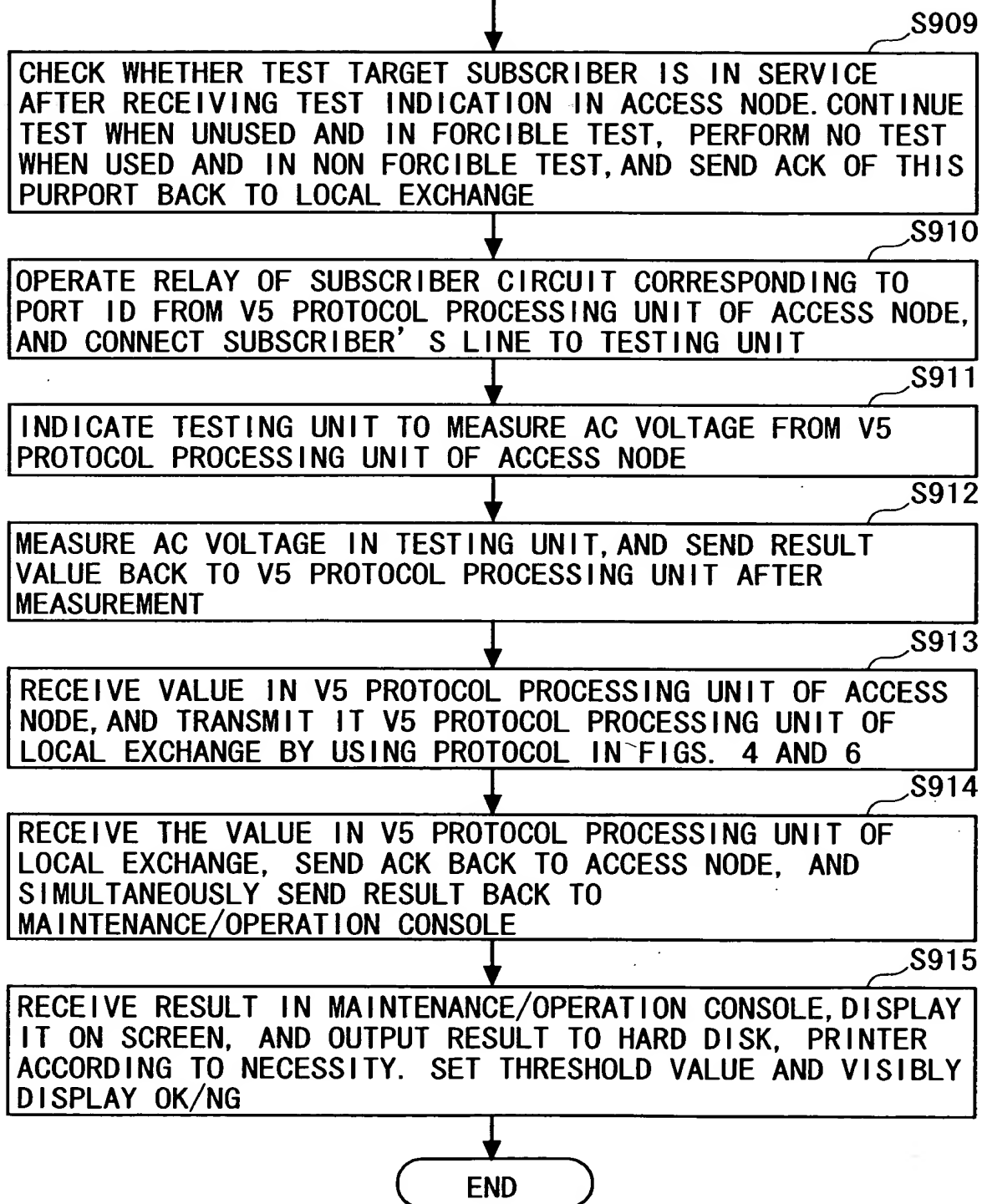
FIG. 9



035513 03204  
T03204 03204

FIG. 10

(B) FROM FIG. 9



03015643.030001